

Combined Arms Collective Training Facility PH II
(PN 59376) Fort Riley, Kansas
W912DQ-04-B-0011

Questions and Answers (SET No. 3)
30 Aug 04

General Questions

1. Amendment 1 changed Subpart 3.4.3a of Section 01451A from mechanical to electrical; however, Subpart 3.4.3 still calls for a mechanical inspector. Please advise.

Amt 0001 Subpart 3.4.3a Experience Matrix, stating qualification of electrical engineer is correct.

2. Volume 1, Sheet CS501, School/Farmhouse/Airfield Road section B/CSS501 of the drawings indicates that the Airfield Road is 15 foot wide; however, Volume 2 Sheet CS313 indicates (by scale) that it is 24 foot wide. Unless we are informed differently, we assume that Airfield Road is 24 foot wide.

24 ft roadway is correct.

3. Volume 2, Sheets CS313 and CS314 are drawn 1" = 30'-0", however, the scale is indicated as 1" = 60'-0". Which is correct?

The scale 1" = 30'-0" as drawn is correct.

4. Volume 2, Sheet CG401, Section A/CG401 of the drawings indicates that Road B (to the Live fire Shoot house) is 30 foot wide; however, Sheets CS301 and CS303 indicate that it is 12 foot wide. Unless we are informed differently, we assume that Road B is 12 foot wide.

12 ft roadway is correct.

5. Volume 2, Sheet CG402, Road A Section A/CG402 of the drawings indicates that Road A (to the Offense/Defense Building) is 30 foot wide; however, Sheets CS309 and CS310 of the drawings indicates (by scale) that it is 15 foot wide. Unless we are informed differently, we assume that Road A is 15 foot wide.

Drawing scale correct at 15 ft correct.

6. Volume 2, Sheet A_SE101 of the drawings indicates the door stoop to be 5'-8" by 2'-0"; however, it scales to be about 11'-4" by 4'-0". Which is correct? Please advise.

The scale would be correct. The stoop is 11'-4" by 4'-0".

7. Volume 2, Sheet G_SE101 of the drawings locates the Ammo Breakdown Building between column lines B and C; however, Sheet G_AE101 shows it between column lines A and B. Which is correct? Please advise.

The column line tags between the architectural and structural sheets do not agree. The structural sheets should be referenced for column tags and column grid lines.

8. Volume 2, Sheets M_SE101 and M_SE201 do not provide any details of how the exterior walls of the UAC Station 2 are to be framed.

Framing for Building M will be similar to Building L.

9. Volume 2, Sheet Q_SE101 appears to indicate the footing for column "A3" as a Type F3 and F4 footing. Please clarify?

Footing for column A3 will be sized as type F3.

10. Volume 2, Sheets Z_SE100 and Z_SE101 of the drawings indicate wall partitions non-load bearing, see Sheet SE703, which is for masonry partitions; however, Sheets Z_AE100 and Z_AE101 call for Type 4 partitions, which are concrete. Do you want masonry or concrete partitions? If they are concrete, please provide reinforcing information.

Wall partitions have been clarified by amendment. Reference amended drawings dated 18 Aug 2004.

11. Volume 2, Sheet Z_SE101 of the drawings indicate concrete pavement (at the drive thru) see Civil; however, Sheet CS313 appears to indicate milled asphalt paving. If concrete paving is required, please provide clarification? If there is a concrete island surrounding the drive thru columns, please provide the thickness and reinforcing?

The civil drawings should be referenced for the paving requirements. A concrete island is not required.

12. Just to verify - I do not show termite pre treat required on specs.

No termiticide treatment required on this project.

13. What option does the lime treated sub grade get costed too.

The lime treated sub grade is to be constructed in Options 2, 3 and 4.

14. What option does the edge drains get costed too.

The edge drains/sub drains are to be constructed in Options 2, 3 and 4.

15. Who is responsible for constructing the earth shoulder 35" wedge? What is the slope of the earth shoulder? Is there a detail showing this slope?

The paved and unpaved shoulder in Option 2, 3 and 4 will be constructed by the contractor. The slope of the 10' wide paved shoulder in Option 2, 3 and 4 run parallel with Option 1 line as shown on the drawings. The unpaved shoulder beyond the 10 ft paved shoulder in Option 2, 3 and 4 should be at maximum of 7.5% within 25 horizontal feet from the outside edge of the paved shoulder.

16. Clarification to Note 1 on sheet L_E-101 was posted to website and should read as follows: Communication pedestal shall be as follows. Verify exact location of pedestal.

- (a) CONSOLE 36" WIDE SINGLE DOOR - 2CPC2036
- (b) PEDESTAL - 2CPS
- (c) PLINTH - 2CPP43618
- (d) COMBINATION RAILS - 2CBRK
- (e) GAS DOOR SUPPORT - 2CDSTP
- (f) LOCK - 2TRK7
- (g) KEY - 2TR17

17. What line item does the grenadier gunnery get bid under?

The Grenadier Gunnery is part of the UAC under CLIN 0002 and shown on drawings.

18. What type of building was building F.

See Vault Section B that calls out a waterless toilet and shows the vault below. The exhaust was shown in plan view.

19. What is the abbreviation "BDD" on sheet C_M-101.

See legend sheet M-001.

20. Are we still calling for galvanized + paint? I've never known paint over galvanized finish to last more than three winters. (Must have very different coefficients of thermal expansion. Where are the steel window shutters specified? The finish schedule says they are in 05500a, but I do not see them listed there. Also, the finish schedule calls for them to be galvanized and also painted. Is this correct?

The paint listed on the finish schedules is listed under the door entry, for the doors described in the drawings as requiring special paint. The shutters are not described in detail in the specification 05500a, as they are a simple design with the requirements illustrated in the architectural and structural drawing sets.

21. Under line item no's. 6 and 7 bid options 2 and 3, the specifications at SECTION 02630 call for class 3 RCP pipe, but the plans call out class 4. Which is correct for the 48" RCP under the airfield runway? Also, nothing indicated in spec noting whether these pipes have gasketed joints.

Should have Class 4 RCP with watertight gaskets.

22. How many strands of fiber are going from the Raised Ops/Storage to the first target on the grenadier gunnery?"

See note 9 sheet ES107.

23. I don't see any fiber coming off of Train fire Road going to any of the buildings.

This is a true statement. There is no fiber coming from Train fire Road to any of the buildings.

24. The 54" RCP at the Trainer Facility on drawing sheets CG301/CG302 indicates "HW-1". What does this mean? Headwall? If so, where is the detail and there are no callouts for "FG". What does "FG" mean?

See Flap Gate "FG" as shown on CG503 detail D.